

ABSTRACT OF THE DISCLOSURE

A discharge lamp comprises an enclosure in which a discharging gas is sealed, and a pair of electron-emitting members sealed in the enclosure between which a voltage is applied and each of which has, at its surface, a plurality of conductive micro-tips and an electron-emitting film which supports the plurality of conductive micro-tips and is made of a material whose secondary emission efficiency is higher than that of the material for the conductive micro-tips with respect to the discharging gas.

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